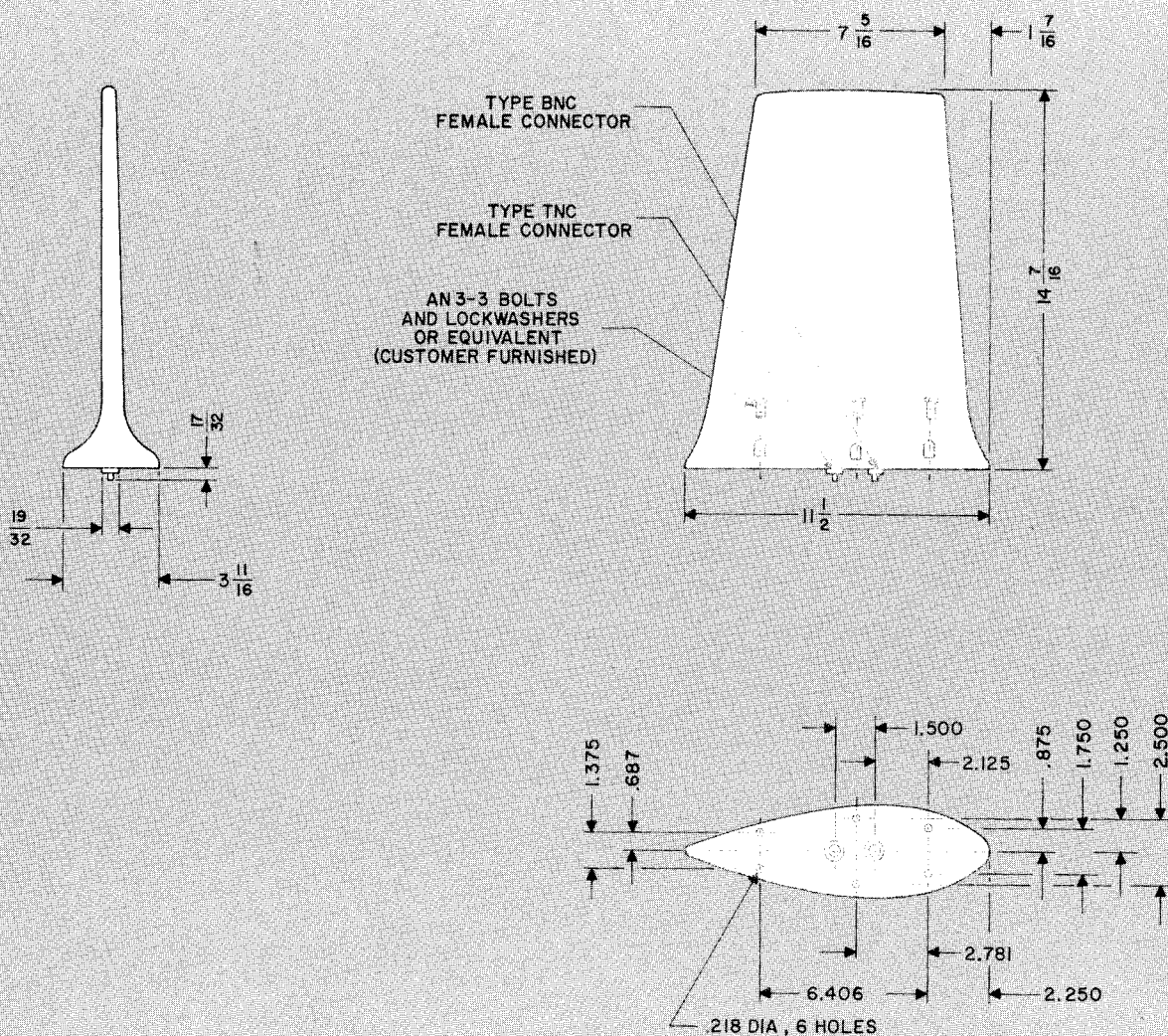


COLLINS

VHF/UHF COMMUNICATION ANTENNA

a Fiberglas shell. Each antenna has a nominal input impedance of 52 ohms with a BNC connector for VHF and a TNC type for UHF. The 37R-2U may be mounted on either top or bottom of the aircraft to provide essentially omnidirectional azimuthal patterns for both frequency ranges. Signal decoupling between connectors at any operating frequency is at least 20 db. The maximum standing wave ratio on a 52 ohm line connected to either input is less than 2:1 throughout the respective frequency range. The antenna is coated with an attractive white Epoxy finish

which is resistant to hydraulic fluids such as Skydrol. All exposed parts are of materials non-nutrient to fungus. The 37R-2U, which weighs 2.75 pounds, has a drag of 1.0 pound at 250 miles per hour, sea level, with 0 degrees angle of attack and a drag of 2.5 pounds at 400 mph. The 37R-2U meets requirements of FAA TSO C 37 and TSO C 38 and temperature, humidity, thermal shock, vibration, salt spray and immersion requirements of Specification MIL-E-5272C. Maximum size $3\frac{1}{8}$ " W, $14\frac{7}{16}$ " H, $11\frac{1}{2}$ " L.



CREATIVE LEADER IN MILITARY ELECTRONICS

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